LSI

Storage Adapter
Product Selector Guide
2009

MegaRAID® Solutions

MegaRAID	Ordering Part No.	PKG	Host Bus Type	Channel/ Ports	I/O Processor	External Connector	Internal Connector	Battery Option	Memory (MB)	No. of Drives Supported	RAID Levels	Cable(s) Included in Kit
6Gb/s SATA+SAS RAID CONTROLLERS												
MegaRAID® SAS 9280-8e	LSI00205	SGL	PCI Express® 2.0 x8	8	LSI SAS2108 ROC	2 x SAS SFF-8088 x4	N/A	LSIiBBU07	512	240	0, 1, 5, 6, 10, 50, 60	N/A
MegaRAID SAS 9280DE-8e	LSI00207	SGL	PCI Express 2.0 x8	8	LSI SAS2108 ROC	2 x SAS SFF-8088 x4	N/A	LSIiBBU07	512	240	0, 1, 5, 6, 10, 50, 60	N/A
MegaRAID SAS 9260-8i	LSI00202 LSI00198	KIT SGL	PCI Express 2.0 x8	8	LSI SAS2108 ROC	N/A	2 x SAS SFF-8087 x4	LSIiBBU07	512	32	0, 1, 5, 6, 10, 50, 60	Two Mini-SAS to (4) SATA
MegaRAID SAS 9260DE-8i	LSI00206	SGL	PCI Express 2.0 x8	8	LSI SAS2108 ROC	N/A	2 x SAS SFF-8087 x4	LSIiBBU07	512	32	0, 1, 5, 6, 10, 50, 60	N/A
MegaRAID SAS 9260-4i	LSI00201 LSI00197	KIT SGL	PCI Express 2.0 x8	4	LSI SAS2108 ROC	N/A	1 x SAS SFF-8087 x4	LSIiBBU07	512	32	0, 1, 5, 6, 10, 50, 60	One Mini-SAS to (4) SATA
3Gb/s SATA+SAS RAID CONTROLLERS												
MegaRAID SAS 8888ELP	LSI00142	KIT	PCI Express x8	8 selectable	LSI SAS1078 ROC	2 x SAS SFF-8088 x4	2 x SAS SFF-8087 x4	LSIiTBBU03, LSIiBBU05	512	240	0, 1, 5, 6, 10, 50, 60	One Mini-SAS to (4) SATA+SAS One Mini-SAS to (4) SATA
MegaRAID SAS 8880EM2	LSI00159	SGL	PCI Express x8	8	LSI SAS1078 ROC	2 x SAS SFF-8088 x4	N/A	LSIiBBU07	512	240	0, 1, 5, 6, 10, 50, 60	N/A
MegaRAID SAS 84016E	LSI00137	SGL	PCI Express x8	16	IOP333	N/A	4 x SAS SFF-8087 x4	LSIiBBU01	256	122	0, 1, 5, 6, 10, 50, 60	N/A
MegaRAID SAS 8708EM2	LSI00158	KIT	PCI Express x8	8	LSI SAS1078 ROC	N/A	2 x SAS SFF-8087 x4	LSIiBBU06	128	32	0, 1, 5, 6, 10, 50, 60	Two Mini-SAS to (4) SATA
MegaRAID SAS 8708ELP	LSI00141	KIT	PCI Express x4	8	LSI SAS1078 ROC	N/A	2 x SAS SFF-8087 x4	LSIiBBU05	128	16	0, 1, 5, 6, 10, 50, 60	Two Mini-SAS to (4) SATA
MegaRAID SAS 8704EM2	LSI00177 LSI00181	KIT SGL	PCI Express x8	4	LSI SAS1078 ROC	N/A	1 x SAS SFF-8087 x4	LSIiBBU06	128	32	0, 1, 5, 6, 10	One Mini-SAS to (4) SATA
MegaRAID SAS 8704ELP	LSI00144	KIT	PCI Express x4	4	LSI SAS1078 ROC	N/A	1 x SAS SFF-8087 x4	LSIiBBU05	128	16	0, 1, 5, 6, 10	One Mini-SAS to (4) SATA
MegaRAID SAS 8208ELP	LSI00108	KIT	PCI Express x4	8	N/A	N/A	2 x SAS SFF-8087 x4	N/A	N/A	8	0, 1, 5, 10	Two Mini-SAS to (4) SATA
MegaRAID SAS 8204ELP	LSI00132	KIT	PCI Express x4	4	N/A	N/A	1 x SAS SFF-8087 x4	N/A	N/A	4	0, 1, 5, 10	One Mini-SAS to (4) SATA

3ware® Solutions

3ware	Ordering Part No.	PKG	Host Bus Type	Channel/ Ports	Form Factor	External Connector	Internal Connector	Battery Option	Memory (MB)	No. of Drives Supported	RAID Levels	Cable(s) Included in Kit
3Gb/s SATA+SAS RAID CONTROLLERS												
9690SA-8I	9690SA-8I-KIT 9690SA-8I-SGL 9690SA-8I-10PK	KIT SGL 10PK	PCI Express x8	8	Low profile	N/A	2 x SAS SFF-8087 x4	BBU-MODULE-04	512	128	0, 1, 5, 6, 10, 50, Single Disk	(2) CBL-SFF8087-06M 60cm Multi-lane SATA+SAS
9690SA-8E	9690SA-8E-KIT 9690SA-8E-SGL 9690SA-8E-10PK	KIT SGL 10PK	PCI Express x8	8	Low profile	2 x SAS SFF-8088 x4	N/A	BBU-MODULE-04	512	128	0, 1, 5, 6, 10, 50, Single Disk	(2) CBL-SFF8088SAS-10M 1m Multi-lane SAS
9690SA-4I4E	9690SA-4I4E-KIT 9690SA-4I4E-SGL 9690SA-4I4E-10PK	KIT SGL 10PK	PCI Express x8	8	Low profile	1 x SAS SFF-8088 x4	1 x SAS SFF-8087 x4	BBU-MODULE-04	512	128	0, 1, 5, 6, 10, 50, Single Disk	(1) CBL-SFF8088SAS-10M 1m Multi-lane SAS, (1) CBL-SFF8087-06M 60cm Multi-lane SATA+SAS
9690SA-4I	9690SA-4I-KIT 9690SA-4I-SGL 9690SA-4I-10PK	KIT SGL 10PK	PCI Express x8	4	Low profile	N/A	1 x SAS SFF-8087 x4	BBU-MODULE-04	512	128	0, 1, 5, 6, 10, 50, Single Disk	(1) CBL-SFF8087-06M 60cm Multi-lane SATA+SAS

3ware	Ordering Part No.	PKG	Host Bus Type	Channel/ Ports	Form Factor	External Connector	Internal Connector	Battery Option	Memory (MB)	No. of Drives Supported	RAID Levels	Cable(s) Included in Kit
3Gb/s SATA RAID CONTROLLERS												
9650SE-2LP	9650SE-2LP-KIT 9650SE-2LP-SGL 9650SE-2LP-10PK	KIT SGL 10PK	PCI Express x1	2	Low profile	N/A	2 x 7-pin SATA	N/A	128	2	0, 1, Single Disk, JBOD	(2) CBL-SATA-39 1m SATA cables
9650SE-4LPML	9650SE-4LPML-KIT 9650SE-4LPML-SGL 9650SE-4LPML-10PK	KIT SGL 10PK	PCI Express x4	4	Low profile	N/A	1 x SAS SFF-8087 x4	BBU-MODULE-04, BBU-MODULE-03	256	4	0, 1, 5, 10, Single Disk, JBOD	(1) CBL-SFF8087OCF-06M 60cm multi-lane breakout cable
9650SE-8LPML	9650SE-8LPML-KIT 9650SE-8LPML-SGL 9650SE-8LPML-10PK	KIT SGL 10PK	PCI Express x4	8	Low profile	N/A	2 x SAS SFF-8087 x4	BBU-MODULE-04, BBU-MODULE-03	256	8	0, 1, 5, 6, 10, 50, Single Disk, JBOD	(2) CBL-SFF8087OCF-06M 60cm multi-lane breakout cables
9650SE-12ML	9650SE-12ML-KIT 9650SE-12ML-SGL 9650SE-12ML-10PK	KIT SGL 10PK	PCI Express x8	12	Full height	N/A	3 x SAS SFF-8087 x4	BBU-MODULE-04, BBU-MODULE-03	256	12	0, 1, 5, 6, 10, 50, Single Disk, JBOD	(3) CBL-SFF8087OCF-06M 60cm multi-lane breakout cables
9650SE-16ML	9650SE-16ML-KIT 9650SE-16ML-SGL 9650SE-16ML-10PK	KIT SGL 10PK	PCI Express x8	16	Full height	N/A	4 x SAS SFF-8087 x4	BBU-MODULE-04, BBU-MODULE-03	256	16	0, 1, 5, 6, 10, 50, Single Disk, JBOD	(4) CBL-SFF8087OCF-06M 60cm multi-lane breakout cables
9650SE-24M8	9650SE-24M8-KIT 9650SE-24M8-SGL	KIT SGL	PCI Express x8	24	Full height	N/A	Multi-lane custom hybrid	BBU-MODULE-04, BBU-MODULE-03	512	24	0, 1, 5, 6, 10, 50, Single Disk, JBOD	(3) CBL-M8ML-06M 0.6m multi-lane M8-to-SFF8087 "Y" cables
9550SXU-4LP	9550SXU-4LP-KIT 9550SXU-4LP-SGL 9550SXU-4LP-10PK	KIT SGL 10PK	64-bit, 133MHz PCI-X™	4	Low profile	N/A	4 x 7-pin SATA	BBU-MODULE-04, BBU-MODULE-03	128	4	0, 1, 5, 10, Single Disk, JBOD	(4) 24-in SATA cables
9550SXU-8LP	9550SXU-8LP-KIT 9550SXU-8LP-SGL 9550SXU-8LP-10PK	KIT SGL 10PK	64-bit, 133MHz PCI-X	8	Low profile	N/A	8 x 7-pin SATA	BBU-MODULE-04, BBU-MODULE-03	128	8	0, 1, 5, 10, 50, Single Disk, JBOD	(8) CBL-SATA-39 1m SATA cables

Host Bus Adapter Solutions

HBA	Ordering Part No.	PKG	Host Bus Type	Channel/ Ports	Bootable	External Connector	Internal Connector	No. of Devices Supported	Form Factor	Transfer Rate/Sec	RAID Levels	Cable(s) Included in Kit
6Gb/s SATA+SAS HBAs												
LSI SAS 9211-8i	LSI00195 LSI00194	KIT SGL	PCI Express 2.0 x8	8	Yes	N/A	2 x SAS SFF-8087 x4	256	Low-profile MD2	4.8 GB/s (Full Duplex)	0, 1, 1E, 10, JBOD	Two Mini-SAS to Four SAS
LSI SAS 9211-4i	LSI00191 LSI00190	KIT SGL	PCI Express 2.0 x8	4	Yes	N/A	1 x SAS SFF-8087 x4	256	Low-profile MD2	2.4 GB/s (Full Duplex)	0, 1, 1E, 10, JBOD	One Mini-SAS to Four SAS
LSI SAS 9200-8e	LSI00188	SGL	PCI Express 2.0 x8	8	Yes	2 x SAS SFF-8088 x4	N/A	512	Low-profile MD2	4.8 GB/s (Full Duplex)	JBOD	N/A
3Gb/s SATA+SAS HBAs												
LSISAS3442E-R	LSI00110 LSI00167	KIT SGL	PCI Express x8	8	Yes	1 x SAS SFF-8470 x4	1 x SAS SFF-8484 x4	244	Low-profile MD2	4.8 GB/s (Full Duplex)	0, 1, 1E, JBOD	One SAS to SAS, One SAS to SATA
LSISAS3041E-R	LSI00112 LSI00168	KIT SGL	PCI Express x4	4	Yes	N/A	4 x SATA x1	122	Low-profile MD2	2.4 GB/s (Full Duplex)	0, 1, 1E, JBOD	Four x1 SATA to SAS, Four x1 SATA to SATA
LSISAS3081E-R	LSI00151 LSI00182	KIT SGL	PCI Express x8	8	Yes	N/A	2 x SAS SFF-8087 x4	244	Low-profile MD2	4.8 GB/s (Full Duplex)	0, 1, 1E, JBOD	Two Mini-SAS to Four SAS

HBA	Ordering Part No.	PKG	Host Bus Type	Channel/ Ports	Bootable	External Connector	Internal Connector	No. of Devices Supported	Form Factor	Transfer Rate/Sec	RAID Levels	Cable(s) Included in Kit
3Gb/s SATA+SAS HBAs (continued)												
LSISAS3801E	LSI00138	SGL	PCI Express x8	8	Yes	2 x SAS SFF-8088 x4	N/A	244	Low-profile MD2	4.8 GB/s (Full Duplex)	JBOD	N/A
LSISAS3442X-R	LSI00100 LSI00164	KIT SGL	64-bit, 133MHz PCI-X	8	Yes	1 x SAS SFF-8470	2 x SAS SFF-8484	244	Low-profile MD2	4.8 GB/s (Full Duplex)	0, 1, 1E, JBOD	One SAS to SAS, One SAS to SATA
LSISAS3041X-R	LSI00033-F LSI00166	KIT SGL	64-bit, 133MHz PCI-X	4	Yes	N/A	4 x SATA x1	122	Low-profile MD2	2.4 GB/s (Full Duplex)	0, 1, 1E, JBOD	Four x1 SATA to SAS, Four x1 SATA to SATA
LSISAS3080X-R	LSI00117 LSI00165	KIT SGL	64-bit, 133MHz PCI-X	8	Yes	N/A	2 x SAS SFF-8484	244	Low-profile MD2	4.8 GB/s (Full Duplex)	0, 1, 1E, JBOD	Two SAS to SAS
LSISAS3801X	LSI00124	SGL	64-bit, 133MHz PCI-X	8	Yes	2 x SAS SFF-8088 x4	N/A	122	Low-profile MD2	4.8 GB/s (Full Duplex)	JBOD	N/A
ULTRA320 SCSI HBAs												
LSI22320SE	LSI00153	SGL	PCI Express x4	2	Yes	2 x 68-pin VHDCI	N/A	30	Low-profile MD2	640 MB/s	JBOD	N/A
LSI20320IE	LSI00154	SGL	PCI Express x4	1	Yes	1 x 68-pin VHDCI	1 x 68-pin HD	15	Low-profile MD2	320 MB/s	JBOD	N/A
LSI22320RB	LSI22320RB-F	SGL	64-bit, 133MHz PCI-X	2	Yes	2 x 68-pin VHDCI	2 x 68-pin HD	30	Full-height	640 MB/s	0, 1, 1E, JBOD	N/A
LSI21320R	LSI21320RB-F	SGL	64-bit, 133MHz PCI-X	2	Yes	1 x 68-pin HD	2 x 68-pin HD	30	Full-height	640 MB/s	0, 1, 1E, JBOD	N/A
LSI20320R	LSI20320-R-B-F	SGL	64-bit, 133MHz PCI-X	1	Yes	1 x 68-pin VHDCI	1 x 68-pin HD	15	Low-profile	320 MB/s	0, 1, 1E, JBOD	N/A
LSIU320	LSI00011-F	SGL	64-bit, 133MHz PCI-X	1	Yes	1 x 68-pin HD	1 x 68-pin HD	15	Full-height	320 MB/s	JBOD	N/A
ULTRA160 SCSI HBAs												
LSI20160B	LSI20160B	SGL	32-bit, 33MHz PCI™	1	Yes	1 x 68-pin VHDCI	1 x 68-pin HD	15	Low-profile	160 MB/s	N/A	N/A

Fibre Channel HBA Solutions

Fibre Channel	Ordering Part No.	PKG	Host Bus Type	Channel/ Ports	Media	External Connector	Form Factor	Bracket Size	Transfer Rate/Sec	Architecture	Cable(s) Included in Kit
4Gb/s FIBRE CHANNEL HBAs											
LSI7404EP-LC	LSI00149	SGL	PCI Express x8	4	Optical	4 x LC, SFP, multimode optics	Full-height	Standard	3200 MB/s	Fusion-MPT™	N/A
LSI7204EP-LC	LSI00172	SGL	PCI Express x8	2	Optical	2 x LC, SFP, multimode optics	Low-profile MD2	Stand/Low-profile	1600 MB/s	Fusion-MPT	N/A
LSI7104EP-LC	LSI00171	SGL	PCI Express x8	1	Optical	1 x LC, SFP, multimode optics	Low-profile MD2	Stand/ Low-profile	800 MB/s	Fusion-MPT	N/A
LSI7404XP-LC	LSI00060-F	SGL	64-bit, 133MHz PCI-X	4	Optical	4 x LC, SFP, multimode optics	Full-height	Standard	3200 MB/s	Fusion-MPT	N/A

Fibre Channel	Ordering Part No.	PKG	Host Bus Type	Channel/ Ports	Media	External Connector	Form Factor	Bracket Size	Transfer Rate/Sec	Architecture	Cable(s) Included in Kit
4Gb/s FIBRE CHANNEL HBAs (continued)											
LSI7204XP-LC	LSI00170	SGL	64-bit, 133MHz PCI-X	2	Optical	2 x LC, SFP, multimode optics	Low-profile MD2	Stand/ Low-profile	1600 MB/s	Fusion-MPT	N/A
LSI7104XP-LC	LSI00169	SGL	64-bit, 133MHz PCI-X	1	Optical	1 x LC, SFP, multimode optics	Low-profile MD2	Stand/ Low-profile	800 MB/s	Fusion-MPT	N/A
2Gb/s FIBRE CHANNEL HBAs											
LSI7202XP-LC	LSI00173	SGL	64-bit, 133MHz PCI-X	2	Optical	2 x LC, SFP, multimode optics	Low-profile MD2	Stand/ Low-profile	800 MB/s	Fusion-MPT	N/A
LSI7102XP-LC	LSI00186	SGL	64-bit, 133MHz PCI-X	1	Optical	1 x LC, SFP, multimode optics	Low-profile MD2	Stand/ Low-profile	400 MB/s	Fusion-MPT	N/A

Cables

Cable P/N	Length	Connector to Connector		Compatible Controllers
		To Controller	To Drives/ Backplane	
CBL-SFF8088SAS-10M	1m	SFF-8088	SFF-8088	3ware 9690SA (-8E, -4I4E), MegaRAID 88XX , 9280-xx
CBL-SFF8088SAS-20M	2m	SFF-8088	SFF-8088	9690SA (-8E, -4I4E), MegaRAID 88XX , 9280-xx
CBL-SAS8087OCF-06M	0.6m	SFF-8087	SFF-8482	9690SA (-8I, -4I4E, 4I), MegaRAID 87XX, 82XX, 8888ELP, 84016E , 9260-xx
CBL-M8ML-06M	0.6m	M8	SFF-8087	9650SE-24M8
CBL-M8ML-10M	1m	M8	SFF-8087	9650SE-24M8
CBL-M8OCF-06M	0.6m	M8	Discrete	9650SE-24M8
CBL-M8OCF-10M	1m	M8	Discrete	9650SE-24M8
CBL-SFF8087-05M	0.5m	SFF-8087	SFF-8087	9690SA (-8I, -4I4E, 4I), 9650SE (-4LPML, -8LPML, -12ML,-16ML), MegaRAID 87XX, 82XX, 8888ELP, 84016E , 9260-xx
CBL-SFF8087-06M	0.6m	SFF-8087	SFF-8087	9690SA (-8I, -4I4E, 4I), 9650SE (-4LPML, -8LPML, -12ML,-16ML), MegaRAID 87XX, 82XX, 8888ELP, 84016E , 9260-xx
CBL-SFF8087OCF-05M	0.5m	SFF-8087	Discrete	9690SA (8I, 4I4E, 4I), 9650SE (-4LPML, -8LPML, -12ML,-16ML), MegaRAID 87XX, 82XX, 8888ELP, 84016E , 9260-xx
CBL-SFF8087OCF-06M	0.6m	SFF-8087	Discrete	9690SA (8I, 4I4E, 4I), 9650SE (-4LPML, -8LPML, -12ML,-16ML), MegaRAID 87XX, 82XX, 8888ELP, 84016E , 9260-xx
CBL-SFF8087OCF-10M	1m	SFF-8087	Discrete	9690SA (8I, 4I4E, 4I), 9650SE (-4LPML, -8LPML, -12ML,-16ML), MegaRAID 87XX, 82XX, 8888ELP, 84016E , 9260-xx
CBL-SATA-39	1m	Discrete	Discrete	9650SE-2LP, 9550SXU (-4LP, -8LP)
LSI-8087-8482p-1M	1m	SFF-8087	SFF-8482	MegaRAID SAS 88XX, 87XX, 84XX, 82XX , 9260-xx
LSI-8087-SATA-1M	1m	SFF-8087	Discrete	MegaRAID SAS 88XX, 87XX, 84XX, 82XX , 9260-xx

Battery Backup Units

Battery P/N	Description / Compatible Controllers
MegaRAID	
MegaRAID LSIBBU03	Battery Backup Unit for 320-2X, 320-0X, or SAS 8300XLP
MegaRAID LSIiBBU01	Battery Backup Unit for 300-8X,4/8XLP, 8344/8308ELP, 84016E
MegaRAID LSIiBBU05	Battery Backup Unit for 8708ELP, 8704ELP and 8888ELP
MegaRAID LSIiBBU06	Battery Backup Unit for 8708EM2 and 8704EM2
MegaRAID LSIiBBU07	Battery Backup Unit for 8880EM2, 9260-xx and 9280-xx
MegaRAID LSIiTBBU01	128MB Transportable Battery Backup for SCSI 320-2E
MegaRAID LSIiTBBU02	256MB Transportable Battery Backup for 8408E & 8480E
MegaRAID LSIiTBBU03	256MB Transportable Battery Backup for 8888ELP
3ware	
BBU-MODULE-03	Battery Backup Unit for 3ware 9650SE/9550SX(U)
BBU-MODULE-04	Battery Backup Unit for 3ware 9690SA/9650SE/9550SX(U); Includes remote battery mounting kit
BATT-SPARE-02	Replacement battery for BBU-MODULE-03 and BBU-MODULE-04

LSI™ RAID Controller Competitive Matrix

	Ports	Host Bus Interface	Device Protocol	Adaptec®	Areca®	Atto®	Intel®	Promise Technology®	QLogic®	Emulex®
6Gb/s SATA+SAS RAID CONTROLLERS										
MegaRAID SAS 9280-8e	8	PCI Express 2.0 x8	6Gb/s SATA+SAS	–	–	–	–	–	–	–
MegaRAID SAS 9260-8i	8	PCI Express 2.0 x8	6Gb/s SATA+SAS	–	–	–	–	–	–	–
MegaRAID SAS 9260-4i	4	PCI Express 2.0 x8	6Gb/s SATA+SAS	–	–	–	–	–	–	–
3Gb/s SATA+SAS RAID CONTROLLERS										
MegaRAID SAS 8888ELP	8 selectable	PCI Express x8	3Gb/s SATA+SAS	5085, 5445	ARC-1680LP, ARC-1680x	R348, R380	SRCSASJV, SRCSAS144E	EX8654, EX8658	–	–
3ware 9690SA-4I4E	8	PCI Express x8	3Gb/s SATA+SAS	5445	ARC-1680LP	R348	SRCSAS144E	EX8654	–	–
MegaRAID SAS 8880EM2	8	PCI Express x8	3Gb/s SATA+SAS	5085	ARC-1680x	R380	SRCSASJV	EX8658	–	–
3ware 9690SA-8E	8	PCI Express x8	3Gb/s SATA+SAS	5085	ARC-1680x	R380	SRCSASJV	EX8658	–	–
MegaRAID SAS 84016E	16	PCI Express x8	3Gb/s SATA+SAS	31605, 31205	ARC-1680ix-12, ARC-1680	–	SRCSASPH16I	EX16650	–	–
MegaRAID SAS 8708EM2	8	PCI Express x8	3Gb/s SATA+SAS	5805	ARC-1680-i	R348	SRCSASBB8I	EX8650	–	–
3ware 9690SA-8I	8	PCI Express x8	3Gb/s SATA+SAS	5805	ARC-1680-i	R348	SRCSASBB8I	EX8650	–	–
MegaRAID SAS 8708ELP	8	PCI Express x4	3Gb/s SATA+SAS	5805	ARC-1680-i	R348	SRCSASRB	EX8650	–	–
MegaRAID SAS 8704EM2	4	PCI Express x8	3Gb/s SATA+SAS	5405	–	–	SRCSASLS4I	EX4650	–	–
3ware 9690SA-4I	4	PCI Express x8	3Gb/s SATA+SAS	5405	–	–	SRCSASLS4I	EX4650	–	–
MegaRAID SAS 8704ELP	4	PCI Express x4	3Gb/s SATA+SAS	5405	–	–	SRCSASLS4I	EX4650	–	–
MegaRAID SAS 8208ELP	8	PCI Express x4	3Gb/s SATA+SAS	–	–	–	SASMF8I	–	–	–
MegaRAID SAS 8204ELP	4	PCI Express x4	3Gb/s SATA+SAS	2405	–	–	–	TX4650	–	–
SATA RAID CONTROLLERS										
3ware 9650SE-24M8	24	PCI Express x8	3Gb/s SATA	–	ARC-1280ML	–	–	–	–	–
3ware 9650SE-16ML	16	PCI Express x8	3Gb/s SATA	–	ARC-1261ML	–	–	EX16350	–	–
3ware 9650SE-12ML	12	PCI Express x8	3Gb/s SATA	–	ARC-1231ML	–	–	EX12350	–	–
3ware 9650SE-8LPML	8	PCI Express x4	3Gb/s SATA	–	ARC-1220	–	–	EX8350	–	–
3ware 9550SXU-8LP	8	64-bit/133MHz	3Gb/s SATA	–	ARC-1120	–	–	EX8300	–	–
3ware 9650SE-4LPML	4	PCI Express x4	3Gb/s SATA	–	ARC-1210	–	–	EX4350	–	–
3ware 9550SXU-4LP	4	64-bit/133MHz	3Gb/s SATA	–	ARC-1110	–	–	–	–	–
3ware 9650SE-2LP	2	PCI Express x1	3Gb/s SATA	–	–	–	–	TX2300	–	–

LSI Host Bus Adapter Competitive Matrix

	Ports	Host Bus Interface	Device Protocol	Adaptec®	Areca®	Atto®	Intel®	Promise Technology®	QLogic®	Emulex®
6Gb/s SATA+SAS HBAs										
LSI SAS 9211-8i	8	PCI Express 2.0 x8	6Gb/s SATA+SAS	–	-	ExpressSAS H608	–	–	–	–
LSI SAS 9211-4i	4	PCI Express 2.0 x8	6Gb/s SATA+SAS	–	-	-	–	–	–	-
LSI SAS 9200-8e	8	PCI Express 2.0 x8	6Gb/s SATA+SAS	–	-	ExpressSAS H680	–	–	–	–
3Gb/s SATA+SAS HBAs										
LSISAS3442E-R	8	PCI Express x8	3Gb/s SATA+SAS	–	-	–	–	–	–	–
LSISAS3041E-R	4	PCI Express x4	3Gb/s SATA+SAS	1045	ARC-1300-4i	–	–	–	–	–
LSISAS3081E-R	8	PCI Express x8	3Gb/s SATA+SAS	–	-	ExpressSAS H308	–	–	–	–
LSISAS3801E	8	PCI Express x8	3Gb/s SATA+SAS	–	-	ExpressSAS H380	–	–	–	-
LSISAS3442X-R	8	64-bit, 133MHz PCI-X	3Gb/s SATA+SAS	48300	-	–	–	–	–	-
LSISAS3041X-R	4	64-bit, 133MHz PCI-X	3Gb/s SATA+SAS	44300	-	–	–	–	–	–
LSISAS3080X-R	8	64-bit, 133MHz PCI-X	3Gb/s SATA+SAS	–	-	–	–	-	–	-
LSISAS3800X	8	64-bit, 133MHz PCI-X	3Gb/s SATA+SAS	–	-	–	–	–	–	–
LSISAS3801X	8	64-bit, 133MHz PCI-X	3Gb/s SATA+SAS	58300	-	–	–	–	–	–
ULTRA320 SCSI HBAs										
LSI22320SE	2	PCI Express x4	Ultra320 SCSI	-	-	ExpressPCI UL5D LP	-	-	-	-
LSI20320IE	1	PCI Express x4	Ultra320 SCSI	29320LPE	-	-	-	-	-	-
LSI22320RB	2	64-bit, 133MHz PCI-X	Ultra320 SCSI	39320A-R	-	ExpressPCI UL4D	–	–	–	–
LSI21320RB	2	64-bit, 133MHz PCI-X	Ultra320 SCSI	29320A-R	-	ExpressPCI UL4S	–	–	–	–
LSI20320RB	1	64-bit, 133MHz PCI-X	Ultra320 SCSI	29320ALP-R	-	–	–	–	–	–
LSIU320	1	64-bit, 133MHz PCI-X	Ultra320 SCSI	–	-	ExpressPCI UL4S	–	–	–	–
4Gb/s FIBRE CHANNEL HBAs										
LSI7404EP-LC	4 (Optical)	PCI Express x8	4Gb/s Fibre Channel	–	-	Celerity FC-44ES	–	–	QLA2464	–
LSI7204EP-LC	2 (Optical)	PCI Express x8	4Gb/s Fibre Channel	–	-	Celerity FC-42ES	–	–	QLA2462	LPe11002
LSI7104EP-LC	1 (Optical)	PCI Express x8	4Gb/s Fibre Channel	–	-	Celerity FC-41ES	–	–	QLA2460	LPe1150
LSI7404XP-LC	4 (Optical)	64-bit, 133MHz PCI-X	4Gb/s Fibre Channel	–	-	–	–	–	QLA2464	–
LSI7204XP-LC	2 (Optical)	64-bit, 133MHz PCI-X	4Gb/s Fibre Channel	–	-	Celerity FC-42XS	–	–	QLA2462	LP1102
LSI7104XP-LC	1 (Optical)	64-bit, 133MHz PCI-X	4Gb/s Fibre Channel	–	-	Celerity FC-41XS	–	–	QLA2460	LP11000
2Gb/s FIBRE CHANNEL HBAs										
LSI7202XP-LC	2 (Optical)	64-bit, 133MHz PCI-X	2Gb/s Fibre Channel	–	-	–	–	–	QLA2342/QLA2362	LP9802DC
LSI7102XP-LC	1 (Optical)	64-bit, 133MHz PCI-X	2Gb/s Fibre Channel	–	-	–	–	–	QLA2340/QLA2360	LP10000/LP1050-F2/ LP982-F2

For more information and sales office locations, please visit the LSI web sites at:

www.lsi.com **www.lsichannelgateway.com**

North American Headquarters
Milpitas, CA
T: +1.866.574.5741 (within U.S.)
T: + 1.610.712.4323 (outside U.S.)

LSI Europe Ltd.
European Headquarters
United Kingdom
T: [+44] 1344.413200

LSI KK Headquarters
Tokyo, Japan
Tel: [+81] 3.5463.7811

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